

09/866,030

2

CLAIM AMENDMENTS

Claims 1-5 (Cancelled).

Claim 6 (Previously presented): The biosensor of claim 24 wherein the individual members of the spacer include spaced-apart first, second and third members and the channel extends between the first, second, and third members.

Claims 7-9 (Cancelled).

Claim 10 (Currently amended): The biosensor of claim 25 wherein the individual members include a first member extending between the ~~ends~~ outlets of the channel.

Claim 11 (Currently amended): The biosensor of claim 10 wherein the members include a second member positioned between one ~~end~~ outlet and the inlet and a third member positioned between the opposite ~~end~~ outlet and the inlet.

Claim 12 (Previously presented): The biosensor of claim 10 wherein the members include second and third members spaced-apart from the first member and the channel extends between the first, second, and third members.

Claim 13 (Previously presented): The biosensor of claim 25 wherein the cover and the support are formed to include a notch in general alignment with one another.

Claim 14 (Original): The biosensor of claim 13 wherein each notch is generally concave in shape.

Claim 15 (Original): The biosensor of claim 13 wherein the inlet intersects the notches.

Claims 16-20 (Cancelled).

Claim 21 (Previously presented): The biosensor of claim 26 wherein the cover and the support are formed to include a notch in general alignment with one another.

Claim 22 (Previously presented): The biosensor of claim 21 wherein each notch is generally concave in shape.

Claim 23 (Currently amended): The biosensor of claim ~~26~~ 21 wherein the inlet intersects the notches.

Claim 24 (Currently amended): A biosensor comprising
a support having first and second ends,

09/866,030

3

electrodes positioned on the support, the electrodes cooperating with one another to define electrode arrays situated adjacent to the first end,
a spacer having individual members, and
a cover cooperating with the support to define a capillary channel extending between the individual members, the channel having opposing ends outlets and a concave inlet extending from the first end of the support and being positioned between the opposing ends outlets of the channel, each electrode array being positioned in the channel adjacent to one of the opposing ends outlets.

Claim 25 (Currently amended): A biosensor comprising:

a support having a first edge,
first and second electrode sets positioned on the support spaced-apart from one another,
a spacer having individual members, and
a cover having a second edge, the cover ~~and~~ extending across the first and second electrode sets, the cover cooperating with the support to define a generally linear capillary channel extending between the individual members, the channel having opposing first and second ends outlets and an inlet aligned with the first edge of the support and the second edge of the cover, between the ends outlets of the channel, and between the first and second electrode sets.

Claim 26 (Currently amended): A biosensor comprising

a support having first and second ends,
electrodes positioned on the support, the electrodes cooperating with one another to define electrode arrays situated adjacent to the first end,
a spacer having individual first, second, and third members, and
a cover cooperating with support to define a capillary channel, the channel extending between the three members and having an inlet positioned between the second and third members adjacent to the first end of the support and spaced-apart first and second opposite ends outlets, the first opposite end outlet being positioned between the first and second members and the second opposite end outlet being positioned between the first and third members, each electrode array being positioned in the channel adjacent to one of the opposite ends outlets.